MiTek USA, Inc.

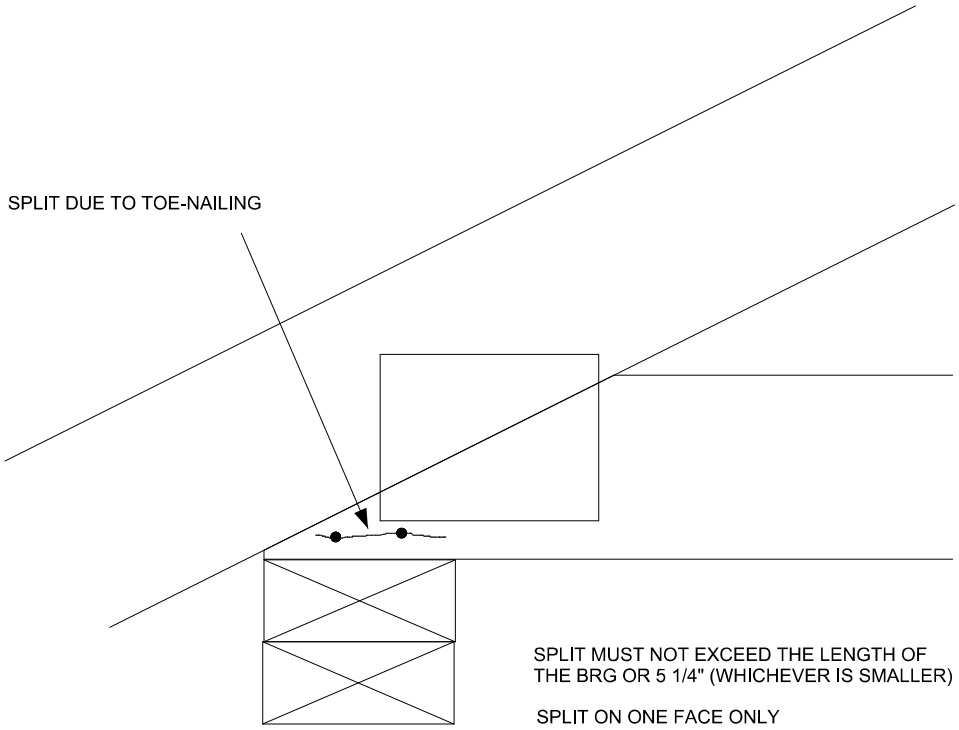
THE TOE-NAILING OF TRUSSES TO BEARING WALLS IS A COMMON PRACTICE. OCCASIONALLY, MINOR SPLITTING OF THE BOTTOM CHORD LUMBER MAY OCCUR. THE DETAIL BELOW IS A GUIDELINE FOR ACCEPTABLE SPLITTING. IF SPLITS ARE LARGER THAN INDICATED, CONTACT MITEK FOR ASSISTANCE.

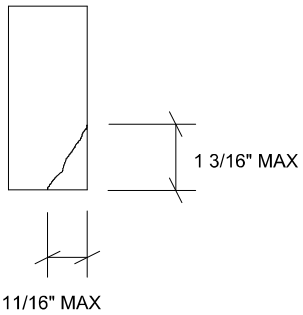
THE ANCHORAGE OF THE TRUSS TO THE WALL TO RESIST LATERAL AND OR UPLIFT FORCES IS THE RESPONSIBLITY OF THE PROJECT ENGINEER/ARCHITECT OR BUILDING DESIGNER AND IS NOT ADDRESSED BY THIS DETAIL.

CONNECTION FOR UPLIFT REACTIONS MUST BE PROVIDED BY OTHER MEANS.

THIS DETAIL ALSO APPLIES TO BEARINGS AT OTHER LOCATIONS ON THE TRUSS (I.E. INTERIOR BEARING LOCATIONS, TRUSSES WITH RAISED HEELS)

IT DOES NOT APPLY TO SPLITS IN MEMBERS RUNNING VERTICALLY.





SPLIT MUST NOT EXTEND UNDER CONNECTOR PLATE

	BOTTOM CHORD LUMBER			
	SP	SPF	HF	DF
MAX REACTION W/ 3 1/2" BRG	1500	1200	1150	1750
MAX REACTION W/ 5 1/2" BRG	2500	1900	1800	2700

REFER TO INDIVIDUAL TRUSS DESIGN FOR PLATE SIZES AND LUMBER GRADES

February 7,2024

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932